

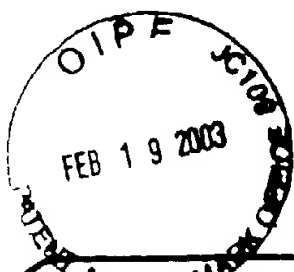
(2-92)

Sheet 1 of 1

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>				Docket Number 2183-5034US		Application Number 09/913345	
				Applicant Garson et al.			
				Filing Date 8/10/2001		Group Art Unit 1645	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES      NO	
P/S	WO9832334	30/07/1998	PCT				
P/S	WO9710505	20/03/1997	PCT				
<b>OTHER DOCUMENTS</b> <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>							
P/S		Bell, J.E. et al, "Prion Protein Immunocytochemistry - UK Five Centre Consensus Report," Neuropathology and Applied Neurobiology, 1997, 23, 26-35.					
P/S		Oesch, Bruno et al., "Properties of the Scrapie Prion Protein: Quantitative Analysis of Protease Resistance," Biochemistry, 1994, 33, 5926-5931.					
EXAMINER <i>Rodney P. Swartz</i>				DATE CONSIDERED 9-7-04			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

(2-92)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution Form 1449A PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

## Complete if Known

Application Number 09-913,345  
Filing Date August 10, 2001  
First Named Inventor Garssen et al.  
Group Art Unit ~~1718~~ 1645  
Examiner Name ~~Enb assigned~~ SWARTZ  
Attorney Docket Number 2183-5034US

RECEIVED

FEB 20 2003

TC 1700

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
WJ		US-4,806,627	02-21-1989	Wisniewski et al.	
		US-6,150,172	11-21-2000	Schmerr et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

RECEIVED

FEB 25 2003

TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> - Number <sup>4</sup> - Kind Code <sup>4</sup> (if known)				
WJ		WO 93 23432	11-25-1993	New York University		
		WO 99 19360	04-22-1999	The United States of America		

Examiner  
Signature

RPSwartz

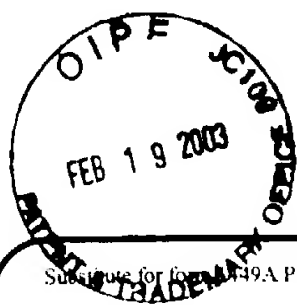
Date  
Considered

9-7-04

\*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



PTO SB 08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 49A PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

2

of

3

**Complete if Known**

Application Number	09/913,345
Filing Date	August 10, 2001
First Named Inventor	Garssen et al.
Group Art Unit	<del>1645</del>
Examiner Name	To be assigned Swartz
Attorney Docket Number	2183-5034US

RECEIVED

FEB 2 11 2003

TC 1700

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
P. G.		BELT et al., Identification of the five allelic variants of the sheep PrP gene and their association with natural scrapie. Journal of General Virology, 1995, pp. 1-10.	
		BROWN, Can Creutzfeldt-Jakob disease be transmitted by transfusion? 1995, pp. 472-77, Rapid Science Publications.	
		DIRINGER et al., Scrapie infectivity, fibrils and low molecular weight protein, Nature, December 1983, 476-78, Macmillan Journals Ltd.	
		DOI et al., "Western Blot Detection of Scrapie-associated Fibril Protein in Tissues outside the Central Nervous System from Preclinical Scrapie-infected Mice," J. gen. Virol., 69, pp. 955-960, 1988.	
		FRASER et al., Transmission of bovine spongiform encephalopathy to mice, Journal of Small Animal Practice, 1988, p. 565, Vol. 29.	
		FRASER, Murine Scrapie Strains, BSE Models and Genetics. Sub-acute Spongiform Encephalopathies, pp. 131-36, the Netherlands.	
		FRASER et al., Studies of the Lymphoreticular System in the Pathogenesis of Scrapie: The Role of Spleen and Thymus, J. Comp. Path., 1978, pp. 563-73, Vol. 88.	
		HADLOW et al., Natural Infection of Suffolk Sheep with Scrapie Virus, The Journal of Infectious Diseases, November 1982, pp. 657-64.	
		HADLOW et al., "Virologic and Neurohistologic Findings in Dairy Goats Affected with Natural Scrapie," Vet. Pathol. 17, pp. 187-199, 1980.	
		<del>HENRI et al., Recherche d'un témoin biochimique urinaire de l'infection du mouton par la tremblante, Bulletin de l'Académie Vétérinaire de France, pp. 139-45.</del>	
P. G.		HILMERT et al., A rapid and efficient method to enrich SAF-protein from scrapie brains of hamsters, Bioscience Reports, 1984, pp. 165-70, Vol. 4.	
		IKEGAMI et al., "Pre-clinical and clinical diagnosis of scrapie by detection of PrP protein in tissues of sheep," The Veterinary Record, pp. 271-75, March 23, 1991	
		KORTH et al., "Prion (PrP <sup>Sc</sup> )-specific epitope defined by a monoclonal antibody," Nature, Vol. 390, pp. 74-75.	
		MEINER et al., Presence of prion protein in peripheral tissues of Libyan Jews with Creutzfeldt-Jakob disease, Neurology, July 1992, pp. 1355-60, Vol. 42.	
		MOHRI et al., Immunodetection of a disease specific PrP fraction in scrapie-affected sheep and BSE-affected cattle, Veterinary Record, 1992, pp. 537-39, Vol. 131.	

RECEIVED  
FEB 25 2003  
TECH CENTER 1600/2900Examiner  
Signature

RP Swartz

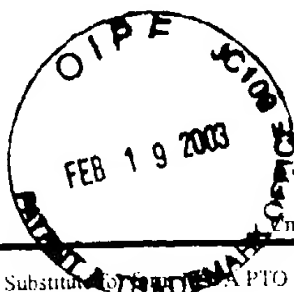
Date  
Considered

9-7-04

\*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231



PTO SB 08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substituted for PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

3

of

3

Complete if Known

Application Number

09/913,345

Filing Date

August 10, 2001

First Named Inventor

Garssen et al.

Group Art Unit

12B 1645

Examiner Name

To be assigned SWARTZ

Attorney Docket Number

2183-5034US

RECEIVED

FEB 20 2003

TC 1700

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
MS		MURAMATSU et al. "Detection of PrP <sup>Sc</sup> in sheep at the preclinical stage of scrapie and its significance for diagnosis of insidious infection," <u>Arch Virol</u> , 134, pp. 427-32, 1993
		MURAMOTO et al. Accumulation of Abnormal Prion Protein in Mice Infected with Creutzfeldt-Jakob Disease via Intraperitoneal Route: A Sequential Study. <u>American Journal of Pathology</u> , November 1993, pp. 1470-79, Vol. 143, No. 5.
		O'ROURKE et al. "Monoclonal Antibody F89 160.1.5 Defines a Conserved Epitope on the Ruminant Prion Protein," <u>Journal of Clinical Microbiology</u> , Vol. 36, No. 6, pp. 1750-55, June 1998.
		O'ROURKE et al. "Preclinical detection of PrP <sup>Sc</sup> in nictitating membrane lymphoid tissue of sheep," <u>The Veterinary Record</u> , pp. 489-91, May 2, 1998.
		SCHREUDER, Animal Spongiform Encephalopathies - An Update, Part I. Scrapie and Lesser Known Animal Spongiform Encephalopathies. <u>Veterinary Quarterly</u> , October 1994, pp. 174-81, Vol. 16, No. 3.
		SCHREUDER, Animal Spongiform Encephalopathies - An Update, Part II. Bovine Spongiform Encephalopathy (BSE). <u>Veterinary Quarterly</u> , October 1994, pp. 182-92, Vol. 16, No. 3.
		SCHREUDER et al. "Tonsillar biopsy and PrP <sup>Sc</sup> detection in the pre-clinical diagnosis of scrapie," <u>Papers and Articles</u> , pp. 1-9, April 15, 1998.
		SHINAGAWA et al. "Immunoreactivity of a Synthetic Pentadecapeptide Corresponding to the N-Terminal Region of the Scrapie Prion Protein," <u>J. gen Virol</u> , 67, pp. 1745-50, 1986.
		VAN KEULEN et al. Immunohistochemical Detection and Localization of Prion Protein in Brain Tissue of Sheep with Natural Scrapie. <u>Vet Pathol</u> , 1995, pp. 299-308, Vol. 32.

Examiner  
Signature

R P Swartz

Date  
Considered

9-7-04

<sup>1</sup>EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Unique citation designation number (optional) <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement. This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231